

INFORMATION REPORT

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COUNTRY

Hungary

SUBJECT

Table of Organization and Equipment of Chemical Defense Forces/Chemical Defense Personnel Allocations/Mission and Employment of Chemical Defense Units & Installations in a Defensive Situation/Glossary of Abbreviations and Map Symbols Used in Hungarian Army

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SUPPLEMENT TO REPORT #

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1. Table of Organization and Equipment of Chemical. The chart designated Figure No 1 [See Figure No 1 below, captioned "Table of Organization of Chemical Defense Forces in the Hungarian Army"] represents [redacted] the organic and attached chemical defense units of tactical units and organization of the Hungarian military establishment. 25X1

a. Division Chemical Defense Forces

- (1) Organic Chemical Defense Forces. The rifle division had one organic chemical defense company. [redacted] the activities of this company indicates that one chemical and radiation detection platoon and one terrain decontamination platoon, organizational components of this company, were dispatched within the division area and were capable of decontaminating the personnel of three rifle battalions, the weapons, equipment, and clothing of two rifle battalions, and 0.58 square kilometers of terrain per day. In addition, not shown on the chart, there was one portable flamethrower company organic to a rifle division. 25X1
- (2) Attachments. In support, [redacted] a rifle division may have attached a terrain decontamination battalion, a chemical and radiation company, a weapons and clothing decontamination company, and a heavy flamethrower battalion. 25X1

- (a) The terrain decontamination battalion was capable of decontaminating 2.32 sq km of terrain per day.

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- (b) The chemical and radiation detection company, which was composed of two radiation reconnaissance platoons, established approximately 35 to 40 chemical and radiation detection observation patrols, each of which consisted of 4 to 5 chemical warfare observers.
- (c) The weapons and clothing decontamination company was capable of decontaminating the weapons, equipment, and clothing of six rifle battalions per day, and the personnel of two rifle battalions per day.
- b. Regimental Chemical Defense Forces. Each rifle regiment had one organic chemical platoon. This platoon dispatched one chemical and radiation detection squad which was capable of decontaminating the personnel, weapons, equipment, and clothing of one rifle battalion. (Six)
- c. Company Chemical Defense Forces. As the chart will show, there were no organic chemical defense forces in the rifle company or the rifle battalion. There were, however, four to five chemically-trained men in each rifle company who constituted a "chemical squad" which was employed as a chemical observation patrol. [See para 3 b (2)].
- d. Chemical Defense Forces in Higher Echelons. In addition to the units shown on the chart, there were the following chemical units in the Hungarian Army:
- (1) Chemical Command of the Hungarian Army
 - (2) Military Technical Group Directorate
 - (3) Military Central Hospital Toxicological Institute
 - (4) 9th Separate Chemical Battalion
 - (5) Central Chemical Warfare Warehouse
- e. Chemical Warfare Materiel. A certain portion of the chemical defensive materiel was stored in the division storage point, and another portion was stored at the regimental storage points shown on the chart. [redacted] twenty percent of the stored materiel consisted of gas detection equipment. [redacted]
- In order to ensure that tactical troops were 100 percent combat effective from a chemical defense point of view, there was a combat reserve of from 150 to 200 percent of individual chemical defense equipment. [redacted]
- f. Capabilities of Organic and Attached Chemical Defense Units of a Rifle Division. The units enumerated above under paras 1a, 1b, and 1c, were capable of decontaminating the following:
- (1) 2.9 sq km of terrain per day
 - (2) The personnel of eight rifle battalions per day
 - (3) Weapons, equipment, and clothing of 11 rifle battalions per day

2. Chemical Defense Personnel Allocations in the Hungarian Army. On the chart designated Figure No 2 [See Figure No 2 below, captioned, "Placement of Chemical Warfare Corps Personnel in the Hungarian Army"] [redacted] outlined distribution of chemical defense personnel, both officer and enlisted, to selected units and organizations of the Hungarian military establishment. The explanatory text which accompanied the chart, reads as follows:

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- a. The rifle regiments (mechanized infantry) had, as shown on the chart, chemical defense platoons. These platoons, in reality, were only chemical defense squads.
- b. Chemical Service Chiefs served in officer grade in the following units:
 - (1) Separate Airborne Battalions
 - (2) State Security Police Divisions (volunteers of the State Security Police received six months of training during 1956-57 at NAGYTARCSA [47 32N - 19 16E] from the 9th Separate Chemical Battalion).
 - (3) State Security Border Guards
 - (4) 104th Radio Reconnaissance Regiment
 - (5) Hungarian Army Volunteer Association

3. Chemical Warfare Defense Employed by a Rifle Division.

a. The Mission of Chemical Warfare in Defense

- (1) The mission of chemical warfare in defense was to protect the division against surprise chemical warfare attack. This mission was accomplished through the utilization of chemical and radiation detection units and equipment, and a well-organized system of observation and reporting.
- (2) In the event of a chemical warfare attack, the mission of chemical warfare was to assure the protection of all personnel. For the accomplishment of this mission, individual chemical protective equipment and chemical protective shelters were utilized. For the provision of chemical protective measures for a division, it was necessary to have 240 light and 40 heavy type shelters built to accommodate from ten to twenty individuals. In addition, there should be one chest protective shelter (most likely a shallow ditch) for each squad. One third of these ditches, which should be 12 meters in length, must be covered to provide protection against flames.
- (3) Immediately following a chemical warfare attack, the personnel, equipment, clothing, and terrain were decontaminated. Decontamination materiel and equipment was utilized for this purpose.

b. General Scheme of Chemical Observation

- (1) The chart designated Figure No 3 [See Figure No 3 below captioned, "Chemical Observation Scheme"] is the sketch of the general schematic outline of the system of chemical observation posts employed by a rifle division of the Hungarian Army deployed in a defensive situation. The division shown on the schematic diagram is defending to the west with the three regiments deployed in the standard triangular concept. There are two regiments on line, and one regiment constituting a division reserve line. The boundary between the two line regiments is represented by the - . . . - line. Each of these regiments is also deployed triangularly with two battalions on line and one battalion in reserve. The boundary between front-line battalions is represented by the ----line.
- (2) Each of the nine battalions of the division has three chemical observation outposts, each of which consists of a team of from four to five chemical observers. note: See foregoing para 1 c7.

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These observation posts are represented on the schematic diagram by a triangle in which the letter "v" is printed.

- (3) Each of the three regiments has a similar chemical observation outpost which is represented on the diagram by a triangle in which the letter "v" is printed and which has the symbol "e", for regiment, affixed just outside the triangle. These patrols, consisting of from three to five men, are drawn from the regimental chemical platoon.
- (4) In addition to these, there is one chemical observation unit which is located at or near the division command post and is represented by the same triangle with the letter "v" printed inside and the symbol "ho", for division, affixed outside the triangle. This patrol, consisting of from three to five men, is drawn from the division chemical company.
- (5) Each of the four front-line battalions has a concealed chemical observation patrol consisting of two specially trained men who constitute an observation post well forward of the main line of resistance; is, approximately 500 to 600 meters. This post is represented by a circle with an arrow.

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c. Maneuver Plan of August 1956.

On the Soviet principles of chemical warfare defense, this maneuver was based on the Soviet principles of chemical warfare defense. Discoveries made as the maneuver progressed were adopted.

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(1) Situation

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- (a) The Eighth Mechanized Rifle Division, a part of the IX Mechanized Rifle Corps, is (referring to the south against an anticipated attack by elements of the enemy VII Corps. The III Hungarian Mechanized Corps is on the left. The adjacent unit on the right is unidentified.

- (b) The Eighth Mechanized Rifle Division consists of the 4th, 6th, and 10th Mechanized Rifle Regiments. The 6th Mechanized Rifle Regiment is on the left, the 10th Mechanized Rifle Regiment is on the right, and the 4th Mechanized Rifle Regiment is in reserve. In this type of deployment of Hungarian Army units, it will be noted that three separate defensive positions have been organized and occupied. Each of these positions consists of three parallel trench complexes.

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- 1 The first position is occupied by two battalions of the 6th Mechanized Rifle Regiment on the left, and by two battalions of the 10th Mechanized Rifle Regiment on the right.
- 2 The second position is occupied by one battalion of the 6th Mechanized Rifle Regiment on the left, and by one battalion of the 10th Mechanized Rifle Regiment on the right.

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- 3 The third position is occupied by the entire 4th Mechanized Rifle Regiment. ILLEGIB

- 4 According to Hungarian Army principles, the width of a division defensive front was, normally, 8-12 km. and the depth of the defensive position was 6-8 km.

- 5 the deployment of the reserve battalions of the front-line regiments as shown on the overlay is called an "echelon center" in view of their grouping in the center of the division zone. This deployment is utilized when it is felt that the major effort of the enemy attack will be in the center of the zone. There are three variations which can be employed in the grouping of units occupying the second position. These three variations are: "echelon right", "echelon center", and "echelon left". 25X1

- (2) Enemy Situation. The double line indicates the enemy whose strength and complete identification is unknown. Identification of the 1st, 2nd, and 3rd Battalions; the 15th Regiment; and the 22nd and 33rd Regiments are shown on the source's situation map as elements of the enemy VII Corps.

(3) Employment of Hungarian Chemical Defense Forces and Installations

(a) Organic Units

- 1 Each of the front-line battalions has a concealed chemical observation post located approximately 500-600 meters forward of the first line of trenches in the first defensive position. Note: For an explanation of the symbols used on the overlay, see para 4 b of this report. 25X1
- 2 Each of the six battalions of the two front-line regiments has established three chemical observation patrols.
- 3 Each of the regimental chemical platoons has established a special chemical and radiation decontamination station, or KULONLEGES MENTESITY ALLOMAS, which is represented by the initials KMA. The symbol E precedes these initials to designate a regimental decontamination station.
- 4 The division chemical company has also established a special chemical and radiation decontamination station in TURA /47 36N - 19 36E/. The symbol H0 precedes the initials KMA in this instance to designate the division decontamination station. Other elements of the division chemical company have established a terrain decontamination base. 25X1

Note:

There are, symbols used to depict the approximate locations of decontamination trucks within the division defense zone. These trucks were detached from the division chemical company for decontamination of the terrain. During these maneuvers, three such units were sent out for this purpose. 25X1

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- 2 The division portable flamethrower company is either assigned to one of the regiments as a tactical unit, or it may be broken down into platoons and attached to separate regiments depending on the tactical situation.

(b) Attached Supporting Units

- 1 The attached terrain decontamination battalion is broken down into companies which establish three to four special decontamination stations.
- 2 The weapons and clothing decontamination company establishes two to three decontamination bases.
- 3 The chemical and radiation detection company personnel remain under divisional control at a prescribed location in order that they may be employed to perform reconnaissance missions as the need arises.
- 4 The heavy flamethrower battalion is employed along the most likely routes of approach for enemy armor. These flamethrowers are placed either in advance of the armored defense barriers (PCK) or in gaps between armored defense barriers.

- (c) All Units. All chemical defense forces, both organic and attached, cooperated with the engineers in the laying of mine fields, including regular high-explosive antitank and anti-personnel mines as well as chemical land mines. In addition, they cooperated in planning for and creating smoke screens for the concealment of defensive positions.

4. Glossary of Abbreviations and Map Symbols. The following abbreviations and map symbols were used which is the basis for this report:

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a. Abbreviations

<u>Item</u>	<u>Title</u>	<u>Translation</u>
Vszf.	Vegyi szolgálat főnök	Chemical Service Chief
Vszf. h.	Vegyi szolgálat főnök helyettese	Chemical Service Deputy Chief
Vv. ag-i. ti.	Vegyivedelmi anyagi tiszt	Chemical Defense Supply Officer
Vv. szd. pk.	Vegyivedelmi századparancsnok	Chemical Defense Unit CO
Vv. sz. pk.	Vegyivedelmi szakaszparancsnok	Chemical Defense Platoon CO
Vv. ea.	Vegyivedelmi előadó	Chemical Defense Lecturer
Vv. m.	Vegyivedelmi mester	Chemical Defense Master
Vv. okt.	Vegyivedelmi oktató	Chemical Defense Instructor
Vv. szd.	Vegyivedelmi század	Chemical Defense Company
Vv. sz.	Vegyivedelmi szakasz	Chemical Defense Platoon
Vv. ag-r.	Vegyivedelmi anyagraktár	Chemical Defense Supply Depot
Lov. hdt.	Lovász hadtest	Rifle Corps
Lov. (g.l.) ho.	Lovász (gepesített lovász) hadosztály	Rifle (Mech Inf) Division
Lov. (g.l.) e.	Lovász (gepesített lovász) ezred	Rifle (Mech Inf) Regiment
Lov. (g.l.) zj.	Lovász (gepesített lovász) zászlóalj	Rifle (Mech Inf) Battalion

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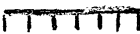


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<u>Item</u>	<u>Title</u>	<u>Translation</u>
Gyal. kik. tab.	Gyalogsagi kikepzó tabor	Infantry Training Camp
O. hk. ho.	Onallo harcokosi hadosztaly	Separate Tank Division
Hk. e.	Harcokosi ezred	Tank Regiment
O. hk. rolg. e.	Onallo harcokosi rohamloveg ezred	Separate SP Tank Regiment
Tu. ho. v., tu. dd.	Tuzer hadosztaly, tuzer dandár	Artillery Division, Army Brigade
Tu. e.	Tuzer ezred	Artillery Regiment
O. pct. tu. o.	Onallo panceltoro tuzer osztaly	Separate Antitank Arty Division
O. lgv. tu. e.	Onallo legvedelmi tuzer ezred	Separate AAA Regiment
O. av. tu. e.	Onallo aknaveto tuzer ezred	Separate Mortar Arty Reg.
O. hir. e.	Onallo hirado ezred	Separate Signal Regiment
O. hir. zj.	Onallo hirado zaszloalj	Separate Signal Battalion
Mu. dd.	Muszaki dandar	Engineer Brigade
Mu. zj.	Muszaki zaszloalj	Engineer Battalion
O. mu. zj	Onallo muszaki zaszloalj	Separate Engineer Battalion
Hhj. dd.	Onallo hadihajos dandar	Separate Warship Brigade
Re. ho.	Repulo hadosztaly	Air Division
Re. e.	Repulo ezred	Air Regiment
Oremuz	Onallo repulomuszaki kiszolgalo zaszloalj	Separate Air Engr Svc Bn
O. eje. zj.	Onallo ejtoernyos zaszloalj	Separate Airborne Battalion
Fn.-i. ti. isk	Fegyvernemi tisztii iskolak	Branch of Svc Officer School
A.v.h. karh. ho.	Allamvedelmi karhatalmi hadosztaly	State Security Police Div.
A.v.h. hat. ors	Allamvedelmi hatarorseg	State Security Border Guards
104. Raf. e.	104. radio-felderito ezred	104th Radio Recon. Regiment
MOHOSZ	Magyar Onkentes Honvedelmi Szovetseg	Hungarian Army Volunteer Assn.
M. N. Vo. Psag	Magyar nepseg-honvedelmi vegyiosztaly parancsnoksaga	Chemical Command of the Hungarian Peoples Army
Ht. Csf.-seg. vv. o.	Hadttest csoportfonokseg vegyivedelmi technikai ele-norzo osztaly	Military Technical Chemical Defense Group Directorate
9. o. vv. zj.	9ik onallo vegyivedelmi faszloalj	9th Separate Chemical Defense Battalion
Ep, Vv. Szt.	Kozep vegyivedelmi raktar	Central Chemical Defense Warfare Warehouse








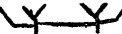

b. Map Symbols

- | | | |
|------|---|--|
| (1) |  | -- Concealed chemical observation posts (patrols) |
| (2) |  | -- Battalion chemical observation posts (patrols) |
| (3) |  e | -- Regimental chemical observation posts (patrols) |
| (4) |  ho. | -- Division chemical observation posts (patrols) |
| (5) |  zj | -- Battalion observation posts |
| (6) |  e | -- Regimental observation posts |
| (7) |  ho | -- Division observation posts |
| (8) |  | -- Trench line |
| (9) |  | -- Division staff |
| (10) |  | -- Regimental staff |

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- (11)  -- Battalion staff
- (12)  -- Regimental armored defense barrier
- (13)  -- Division armored defense barrier
- (14)  -- Regimental decontamination station
- (15)  -- Division decontamination station
- (16)  -- Terrain decontamination vehicle
- (17) - . - . - . -- Boundary between regiments
- (18) -- Boundary between battalions [See para 3 b (1)]
- (19) ————— -- Boundary between divisions
- (20)  -- Minefields
- (21)  -- Flamethrower unit
- (22)  -- Start of enemy advance
- (23) - - - - - -- Route of withdrawal

Enclosures:

Figure 1 - Table of Organization of Chemical Defense Forces
in the Hungarian Army

Figure 2 - Placement of Chemical Warfare Corps Personnel
in the Hungarian Army

Figure 3 - Chemical Observation Scheme

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Figure No. 1TABLE OF ORGANIZATION OF CHEMICAL DEFENSE FORCES
IN THE HUNGARIAN ARMY

* / Note: The term Chemical Defense Materiel Warehouse is a literal translation from the Hungarian of the term, VÉRTÉVEZÉSI ANYAGRAKTÁR, which has also been translated as Chemical Defense Supply Depot and as Chemical Defense Storage Point. J

Chemical Defense Company	Chemical Defense Platoon	Chemical Defense Materiel Warehouse *	
			Rifle Corps
1		1	Rifle Division
	1	1	Rifle Regiment
			Rifle Battalion
			Infantry Training Camp
		1	Separate Tank Division
	1	1	Tank Regiment
	1	1	Separate Self-propelled Tank Regiment
	1	1	Artillery Division, Artillery Brigade
	1	1	Artillery Regiment
	1	1	Separate Antitank Artillery Division
	1	1	Separate AAA Regiment
	1	1	Separate Mortar Artillery Regiment
	1	1	Separate Signal Regiment
	1	1	Separate Signal Battalion
	1	1	Engineer Brigade
	1	1	Engineer Battalion
	1	1	Separate Engineer Battalion
	1	1	Separate Warship Brigade
			Air Division
	1	1	Air Regiment
	1	1	Separate Air Engineer Service Battalion
	1	1	Branch Officers' School

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PLACEMENT OF CHEMICAL WARFARE CORPS PERSONNEL IN THE HUNGARIAN ARMY

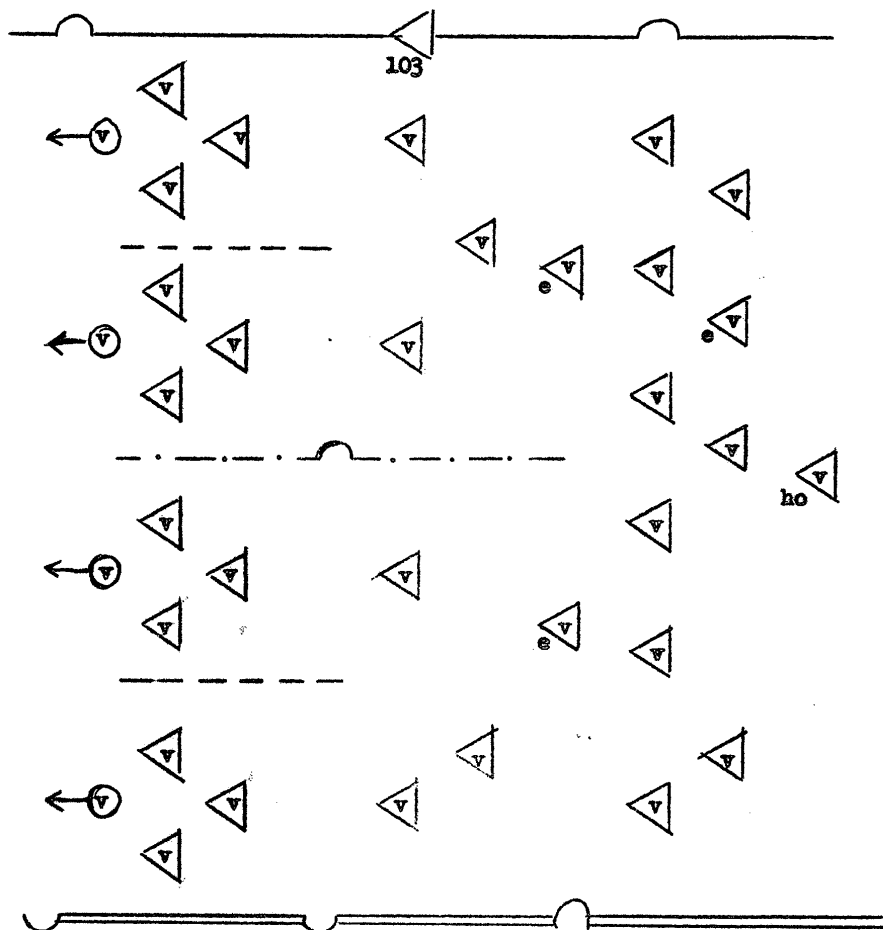
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Figure No 3

CHEMICAL OBSERVATION SCHEME



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